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Material Safety Data Sheet

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Revised 30-NOV-2010

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Company Identification

MANUFACTURER/DISTRIBUTOR

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COMPOSITION/INFORMATION ON INGREDIENTS

Components

Material	CAS Number	%
Fluorinated Acrylic Alkylamino Copolymer		{ }
Water	7732-18-5	{ }

HAZARDS IDENTIFICATION

Potential Health Effects

This product is for experimental uses only. The product has not been completely analysed and all of the hazards may not be known. Please use caution while handling this product. Inhalation of decomposition products in high concentration may cause shortness of breath (lung oedema). Inhalation of aerosol or fine spray mist may cause serious respiratory problems.

This product is not an eye or skin irritant.

Carcinogenicity Information

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

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FIRST AID MEASURES

First Aid

INHALATION

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Call a physician.

SKIN CONTACT

Flush skin with water after contact. Wash contaminated clothing before reuse.

EYE CONTACT

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

INGESTION

If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person.
Call a physician.

Notes to Physicians

Activated charcoal mixture may be beneficial. Suspend 50 g activated charcoal in 400 mL water and mix well. Administer 5 mL/kg, or 350 mL for an average adult.

FIRE FIGHTING MEASURES

Flammable Properties

Non-flammable.

Hazardous decomposition products including carbon dioxide, carbon monoxide, hydrogen fluoride, toxic gases or particles may be formed during combustion. These products may cause severe eye, nose, throat, and respiratory irritation or toxic effects.

Extinguishing Media

Use media appropriate for surrounding material.

Fire Fighting Instructions

Wear self-contained breathing apparatus. Wear full protective equipment.

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ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Initial Containment

Dike spill. Prevent material from entering sewers, waterways, or low areas.

Spill Clean Up

Soak up with sawdust, sand, oil dry or other absorbent material.

HANDLING AND STORAGE

Handling (Personnel)

Do not get in eyes, on skin or clothing. Do not breathe vapor or mist. Wash thoroughly after handling. Wash clothing after use.

Do not store or consume food, drink, or tobacco in areas where they may become contaminated with this material. Avoid circumstances that produce respirable particles unless suitable ventilation and respirator are used.

Storage

Keep container tightly closed.

Store below 40 deg C (104 degF). Perishable if stored or handled above this temperature. Perishable if frozen.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Use only with adequate ventilation.

Do not aerosolize.

Personal Protective Equipment

EYE/FACE PROTECTION

Wear coverall chemical splash goggles.

RESPIRATORS

Where there is potential for airborne exposure, wear appropriate NIOSH approved respiratory protection.

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(EXPOSURE CONTROLS/PERSONAL PROTECTION - Continued)

PROTECTIVE CLOTHING

Where there is potential for skin contact have available and wear as appropriate impervious gloves, apron, pants, and jacket.

Exposure Guidelines

Exposure Limits

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PEL (OSHA) : None Established
TLV (ACGIH) : None Established

Exposure Guideline Comments

No AEL has been established for this product.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Boiling Point : { }
% Volatiles : { }
Solubility in Water : Dispersible
pH : { }
Form : Liquid.
Color : Clear to Slightly Opaque, Yellow.

STABILITY AND REACTIVITY

Chemical Stability

Stable at normal temperatures and storage conditions.

Incompatibility with Other Materials

None reasonably foreseeable.

Decomposition

Hazardous decomposition products including carbon dioxide, carbon monoxide, hydrogen fluoride, toxic gases or particles may be formed during combustion. These products may cause severe eye, nose, throat, and lung irritation or toxic effects.

Decomposition temperature: 250-300 degrees C

Polymerization

Polymerization will not occur.

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TOXICOLOGICAL INFORMATION

Animal Data

Inhalation ALC : > 2.0 mg/l, rat (dry polymer aerosol)

Oral LD50 : > 5,000 mg/kg, rat

Skin: Not irritating.

Eye: Not irritating.

Sensitisation : Did not cause sensitization on laboratory animals., mouse

Mutagenicity : Did not cause genetic damage in cultured bacterial cells.

ECOLOGICAL INFORMATION

Ecotoxicological Information

48 h EC50: Daphnia magna (Water flea) > 120 mg/L

DISPOSAL CONSIDERATIONS

Waste Disposal

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

TRANSPORTATION INFORMATION

Shipping Information

Not Regulated as a hazardous material by DOT, IMO, or IATA.

REGULATORY INFORMATION

U.S. Federal Regulations

TITLE III HAZARD CLASSIFICATIONS SECTIONS 311, 312

Acute : Yes

Chronic : Yes

Fire : No

Reactivity : No

Pressure : No

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(REGULATORY INFORMATION - Continued)

TSCA Status : Not listed

TSCA Status : FOR LABORATORY R&D SAMPLES ONLY: One or more components of this product is not listed on EPA's Toxic Substances Control Act (TSCA) Chemical Inventory. Therefore, until this/these components get listed through PreManufacture Notification, this product should only be used for TSCA-excluded applications or under the requirements of the TSCA R&D Exemption (40CFR 720.36).

OTHER INFORMATION

NFPA, NPCA-HMIS

NPCA-HMIS Rating	
Health	: 1
Flammability	: 0
Reactivity	: 0

Personal Protection rating to be supplied by user depending on use conditions.

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Responsible for MSDS : MSDS Coordinator
> : { }
Address : { }
Telephone : { }

Indicates updated section.

End of MSDS